Day : Thursday

PALM INTRANET

Date: 3/3/2005
Time: 13:37:40

Inventor Name Search Result

Your Search was:

Last Name = GOETZ
First Name = GILLES

Application#	Patent#	Status	Date Filed	Title	Inventor Name
10307803	6716869	150	12/02/2002	PROTEASE INHIBITORS OF THE COAGULATION CASCADE ISOLATED FROM DYSIDEA SPONGES	GOETZ, GILLES H.
10759667	Not Issued	071	01/16/2004	PROTEASE INHIBITORS OF THE COAGULATION CASCADE ISOLATED FROM DYSIDEA SPONGES	GOETZ, GILLES H.
60341527	Not Issued	159	12/17/2001	PROTEASE INHIBITORS OF THE COAGULATION CASCADE ISOLATED FROM DYSIDEA SPONGES	GOETZ, GILLES H.

parent

same

prov.

Inventor Search Completed: No Records to Display.

Search Another: Inventor **Last Name** goetz **First Name** gilles Search

To go back use Back button on your browser toolbar.

Back to PALM | ASSIGNMENT | OASIS | Home page

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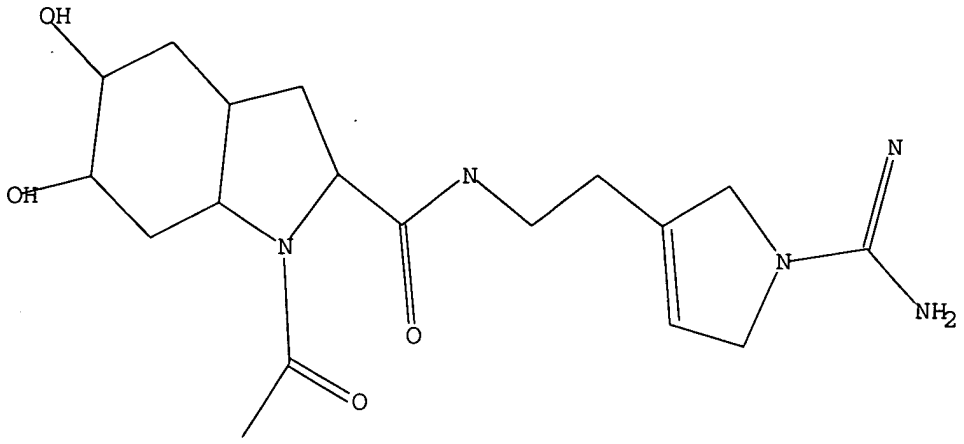

Structure attributes must be viewed using STN Express query preparation.

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L7 4 SEA SSS FUL L6

L8 5 L7

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L8 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2004:553526 CAPLUS
DOCUMENT NUMBER: 141:221980
TITLE: Dysinosins B-D, inhibitors of factor VIIa and thrombin from the Australian sponge Lamellodysidea chlorea
AUTHOR(S): Carroll, Anthony R.; Buchanan, Malcolm S.; Edser, Annette; Hyde, Edward; Simpson, Moana; Quinn, Ronald J.
CORPORATE SOURCE: Natural Product Discovery, Eskitis Institute, Griffith University, Brisbane, 4111, Australia
SOURCE: Journal of Natural Products (2004), 67(8), 1291-1294
CODEN: JNPRDF; ISSN: 0163-3864
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English

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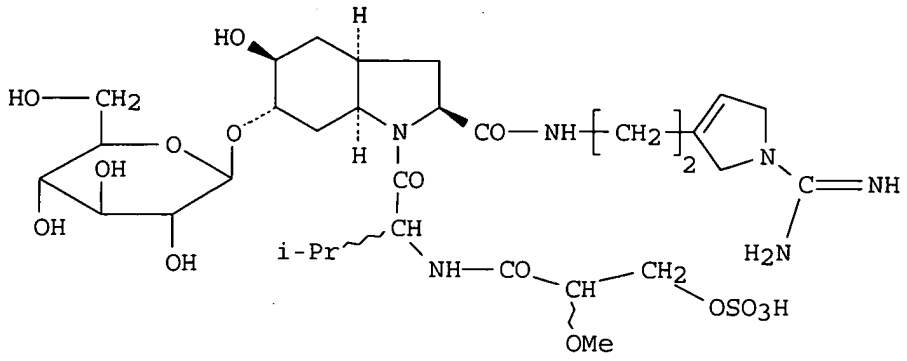


I

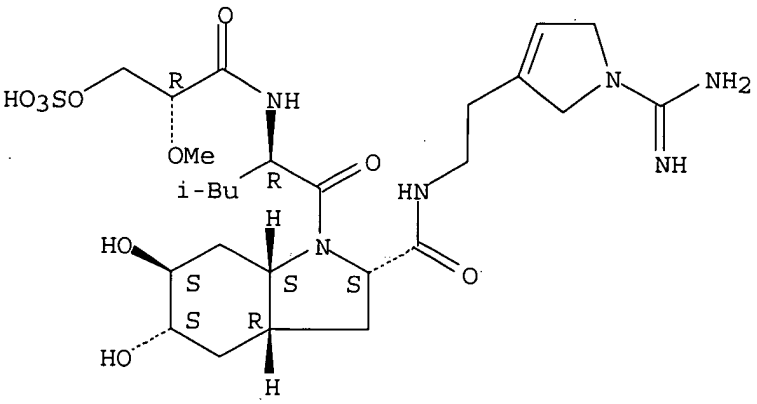
AB Three new marine natural products, dysinosins B-D (e.g. I, dysinosin B), were isolated from the sponge Lamellodysidea chlorea and their structures determined by 1D and 2D NMR spectroscopy. These compds. are inhibitors of the blood coagulation cascade serine proteases factor VIIa and thrombin. These analogs, dysinosins B-D, allowed identification of two structural motifs within the structures that contribute to binding to the proteases, factor VIIa and thrombin.

IT **477708-72-8**, Dysinosin A
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(inhibitors of factor VIIa and thrombin from Australian sponge Lamellodysidea chlorea)

RN 477708-72-8 CAPLUS

CN 1H-Indole-2-carboxamide, N-[2-[1-(aminoiminomethyl)-2,5-dihydro-1H-pyrrol-3-yl]ethyl]octahydro-5,6-dihydroxy-1-[(2R)-2-[[(2R)-2-methoxy-1-oxo-3-(sulfooxy)propyl]amino]-4-methyl-1-oxopentyl]-, (2S,3aR,5S,6S,7aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L8 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2003:491178 CAPLUS
DOCUMENT NUMBER: 139:47155
TITLE: Protease inhibitors of the coagulation cascade isolated from dysidea sponges
INVENTOR(S): Goetz, Gilles H.; Harrigan, George G.; Likos, John J.; Kasten, Thomas P.
PATENT ASSIGNEE(S): Pharmacia Corporation, USA
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 2003051831	A2	20030626	WO 2002-US40001		20021213
WO 2003051831	A3	20031030			
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RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG					
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US 6716869	B2	20040406			
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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK					
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			US 2002-307803	A	20021202
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L8 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:321340 CAPLUS

DOCUMENT NUMBER: 139:149881

TITLE: New and old challenges in total synthesis. From concept to practice

AUTHOR(S): Hanessian, Stephen; Margarita, Roberto; Hall, Adrian; Johnstone, Shawn; Tremblay, Martin; Parlanti, Luca

CORPORATE SOURCE: Department of Chemistry, Universite de Montreal, Montreal, QC, H3C 3J, Can.

SOURCE: Pure and Applied Chemistry (2003), 75(2-3), 209-221
CODEN: PACHAS; ISSN: 0033-4545

PUBLISHER: International Union of Pure and Applied Chemistry

DOCUMENT TYPE: Journal; General Review

LANGUAGE: English

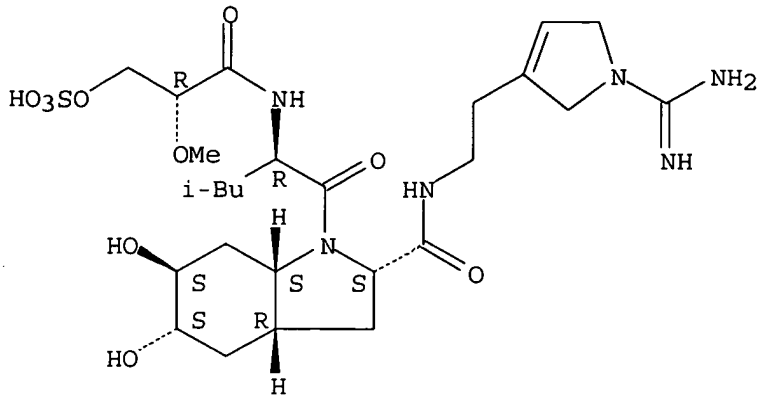
AB A review. The total synthesis of dysinosin A, a novel member of the aeruginosin group of marine natural products, is discussed. The stereocontrolled synthesis also confirms the proposed structure and absolute stereochem. of the natural product.

IT **477708-72-8P**, Dysinosin A
RL: SPN (Synthetic preparation); PREP (Preparation)
(total synthesis of dysinosin A and confirmation of its structure and stereochem.)

RN 477708-72-8 CAPLUS

CN 1H-Indole-2-carboxamide, N-[2-[1-(aminoiminomethyl)-2,5-dihydro-1H-pyrrol-3-yl]ethyl]octahydro-5,6-dihydroxy-1-[(2R)-2-[[(2R)-2-methoxy-1-oxo-3-(sulfooxy)propyl]amino]-4-methyl-1-oxopentyl]-, (2S,3aR,5S,6S,7aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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L8 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:789748 CAPLUS
DOCUMENT NUMBER: 138:14174
TITLE: Total synthesis and structural confirmation of the marine natural product dysinosin A: a novel inhibitor of thrombin and factor VIIa
AUTHOR(S): Hanessian, Stephen; Margarita, Roberto; Hall, Adrian; Johnstone, Shawn; Tremblay, Martin; Parlanti, Luca
CORPORATE SOURCE: Department of Chemistry, Universite de Montreal, Montreal, QC, H3C 3J7, Can.
SOURCE: Journal of the American Chemical Society (2002), 124(45), 13342-13343
CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
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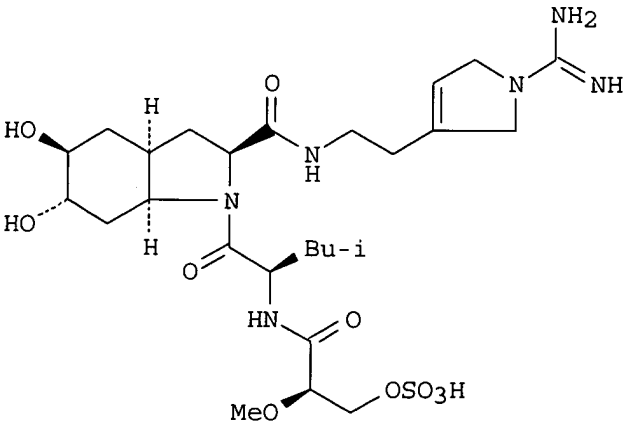


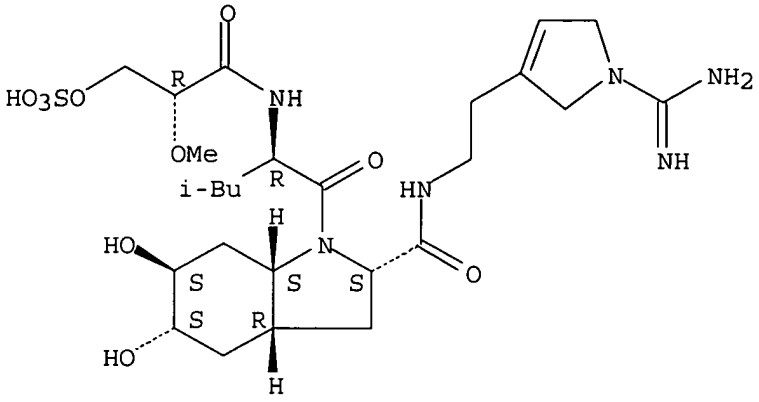
I

AB The structure and absolute configuration of the marine antithrombotic product dysinosin A (I) was confirmed by total synthesis. The strategy involved disconnection to three subunits, of which two were synthesized from the readily available L-glutamic acid, D-leucine, and D-mannitol. The Grubbs olefin metathesis carbo cyclization reaction was utilized to prepare two intermediates.

IT **477708-72-8P**, Dysinosin A
RL: SPN (Synthetic preparation); PREP (Preparation)
(total synthesis from amino acids via Grubbs olefin metathesis carbo cyclization of marine natural product dysinosin A, its crystal structure and absolute configuration)

RN 477708-72-8 CAPLUS
CN 1H-Indole-2-carboxamide, N-[2-[1-(aminoiminomethyl)-2,5-dihydro-1H-pyrrol-3-yl]ethyl]octahydro-5,6-dihydroxy-1-[(2R)-2-[[(2R)-2-methoxy-1-oxo-3-(sulfooxy)propyl]amino]-4-methyl-1-oxopentyl]-, (2S,3aR,5S,6S,7aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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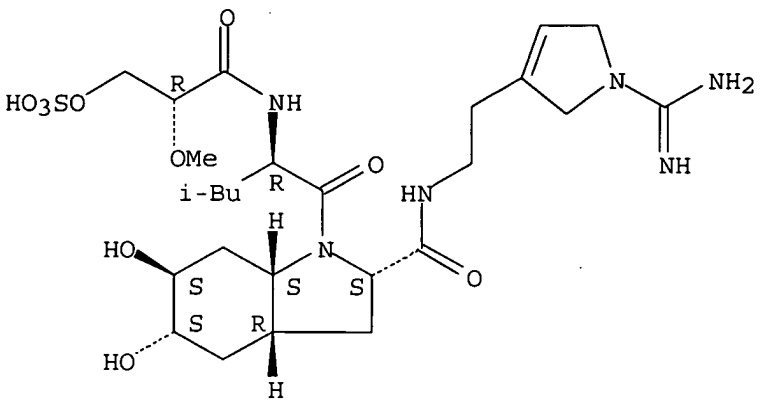
L8 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2005 ACS on STN
ACCESSION NUMBER: 2002:789746 CAPLUS
DOCUMENT NUMBER: 138:22307
TITLE: Dysinosin A: A novel inhibitor of factor VIIa and thrombin from a new genus and species of Australian sponge of the family Dysideidae
AUTHOR(S): Carroll, Anthony R.; Pierens, Gregory K.; Fechner, Greg; de Leone, Priscila; Ngo, Anna; Simpson, Moana; Hyde, Edward; Hooper, John N. A.; Bostroem, Stig-Lennart; Musil, Djordje; Quinn, Ronald J.
CORPORATE SOURCE: AstraZeneca R&D, Griffith University, Brisbane, 4111, Australia
SOURCE: Journal of the American Chemical Society (2002), 124(45), 13340-13341
CODEN: JACSAT; ISSN: 0002-7863
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
AB A new marine natural product dysinosin A has been isolated from a new genus and species of sponge of the family Dysideidae found near Lizard Island, North Queensland, Australia. Dysinosin A is a potent inhibitor of the blood coagulation cascade factor VIIa and an inhibitor of the serine protease thrombin. Among the distinctive features of dysinosin A are the presence of a 5,6-dihydroxy-octahydroindole-2-carboxylic acid, 3-amino-Et 1-N-amidino-Δ-3-pyrroline, a sulfated glyceric acid, and D-leucine, assembled through three peptidic linkages. Dysinosin A inhibited factor VIIa at a Ki of 108 nM and thrombin at a Ki of 452 nM. The identification of the 1-N-amidino-Δ-3-pyrroline and 5,6-dihydroxy-octahydroindole-2-carboxylic acid as P1 and P2 moieties resp., should pave the way for the design and synthesis of new structure-based inhibitors.
IT **477708-72-8P**, Dysinosin A
RL: BSU (Biological study, unclassified); NPO (Natural product occurrence); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation)
(inhibitor of factor VIIa and thrombin from Australian sponge of family Dysideidae)
RN 477708-72-8 CAPLUS
CN 1H-Indole-2-carboxamide, N-[2-[1-(aminoiminomethyl)-2,5-dihydro-1H-pyrrol-3-yl]ethyl]octahydro-5,6-dihydroxy-1-[(2R)-2-[[(2R)-2-methoxy-1-oxo-3-(sulfooxy)propyl]amino]-4-methyl-1-oxopentyl]-, (2S,3aR,5S,6S,7aS)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



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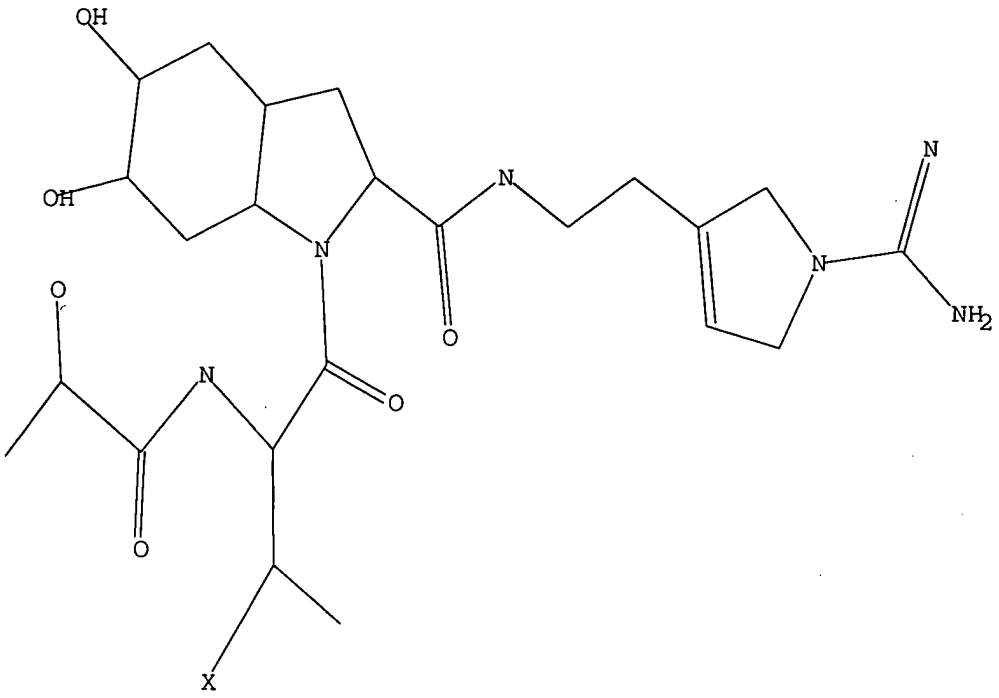

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DR 548443-15-8
MF C26 H43 Cl N6 O10 S
SR CA
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DT.CA CAplus document type: Patent
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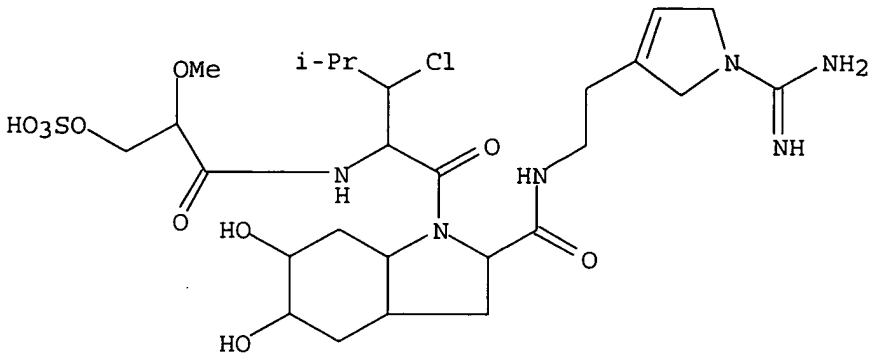

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1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
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FILE COVERS 1907 - 3 Mar 2005 VOL 142 ISS 10
FILE LAST UPDATED: 2 Mar 2005 (20050302/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L5 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2003:491178 CAPLUS
DN 139:47155
TI Protease inhibitors of the coagulation cascade isolated from dysidea sponges
IN Goetz, Gilles H.; Harrigan, George G.; Likos, John J.; Kasten, Thomas P.
PA Pharmacia Corporation, USA
SO PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

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            PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ,
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    WO 2002-US40001      W     20021213


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     RL: NPO (Natural product occurrence); PAC (Pharmacological activity); PRP
     (Properties); PUR (Purification or recovery); THU (Therapeutic use); BIOL
     (Biological study); OCCU (Occurrence); PREP (Preparation); USES (Uses)
        (protease inhibitors of coagulation cascade isolated from dysidea
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        agents)
RN   548443-14-7  CAPLUS
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     methyl-1-oxopentyl]octahydro-5,6-dihydroxy- (9CI)  (CA INDEX NAME)

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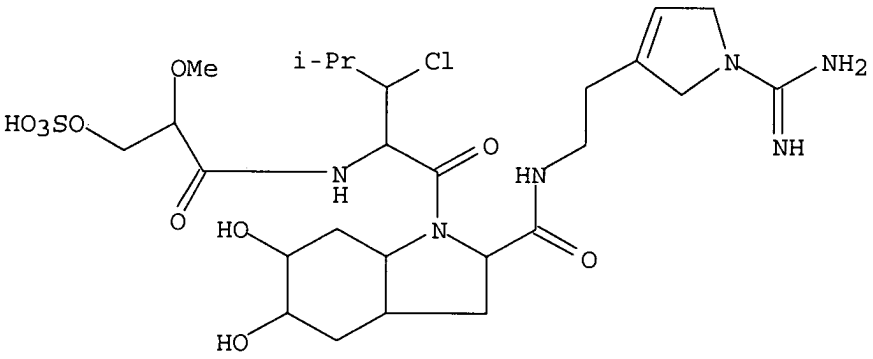


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     RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL
     (Biological study); USES (Uses)
        (protease inhibitors of coagulation cascade isolated from dysidea
        sponges for anticoagulant therapy in combination with thrombolytic
        agents
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